

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Thomas I. INSLEY et al.

Docket No.: 54605USA6B.007

Serial No.: Unassigned

Examiner: Unknown

Filed: Even Date Herewith

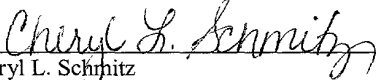
Group Art Unit: Unknown

For: CONTOURED LAYER CHANNEL FLOW FILTRATION MEDIA

Express Mail Label No.: **EL597089072US**

Date Mailed: May 29, 2001

Pursuant to 37 CFR §1.110, I certify that this correspondence is being deposited on the date indicated above with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231.

  
Cheryl L. Schmitz

**PRELIMINARY AMENDMENT**

BOX PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

Prior to initial examination, please amend this application as follows.

In the Claims

Please cancel claims 1-32.

Please amend claims 33 and 36 as follows:

33. A method of forming a filtration media array comprising the steps of:
- (a) forming a contoured polymeric film layer;
  - (b) joining the contoured film layer to a second layer at at least one face of the contoured film layer so as to stabilize the contoured film layer and form flow channels; and
  - (c) electrostaticly charging the flow channel layer assembly of the contoured film layer and the second layer.

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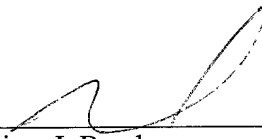
36. A method of forming a filtration media array comprising the steps of:
- (a) forming a contoured polymeric film layer;
  - (b) joining the contoured film layer to a second layer at at least one face of the contoured film layer so as to stabilize the contoured film layer and form a series of adjacent flow channels;
  - (c) layering the flow channel layer assembly so as to create a filtration media array having multiple flow channel layers forming fluid pathways through the filtration media array; and
  - (d) slicing the filtration media array with a hot wire so as to fuse the adjacent layers forming the filtration media array.

Remarks

The above amendments to claims 33 and 36 have been made correct to clarify the claimed invention.

Respectfully submitted,

May 29, 2001  
Date

  
\_\_\_\_\_  
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**Version With Markings to Show Changes Made**

33. (Once Amended) A method of forming a filtration media array comprising the steps of:

- (a) forming a contoured polymeric film layer;
- (b) joining the contoured film layer to a second layer at at least one face of the contoured film layer so as to stabilize the contoured film layer and form flow channels; and
- (c) electrostaticly charging the flow channel layer assembly of the contoured film layer and the second layer.

36. (Once Amended) A method of forming a filtration media array comprising the steps of:

- (a) forming a contoured polymeric film layer;
- (b) joining the contoured film layer to a second layer at at least one face of the contoured film layer so as to stabilize the contoured film layer and form a series of adjacent flow channels;
- (c) layering the flow channel layer assembly so as to create a filtration media array having multiple flow channel layers forming fluid pathways through the filtration media array; and
- (d) slicing the filtration media array with a hot wire so as to fuse the adjacent layers forming the filtration media array.

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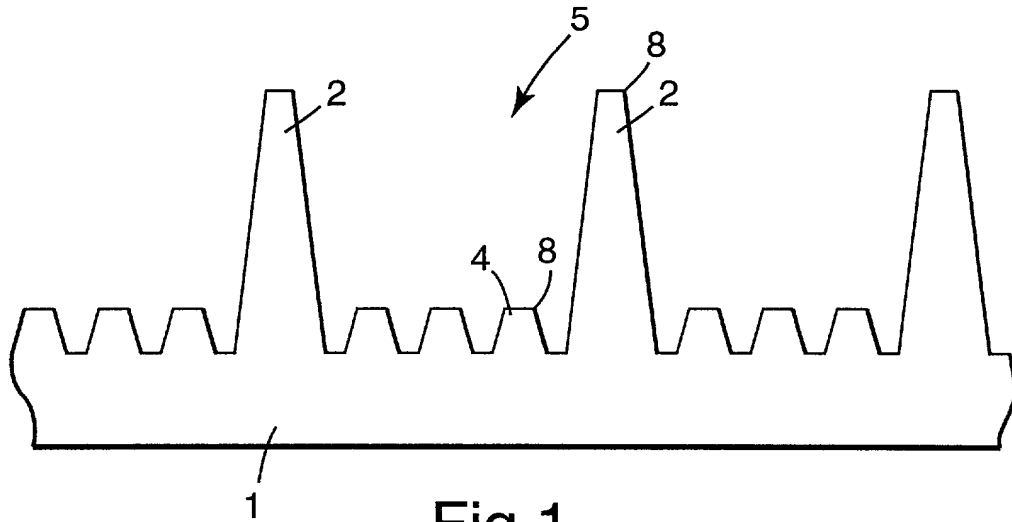


Fig.1

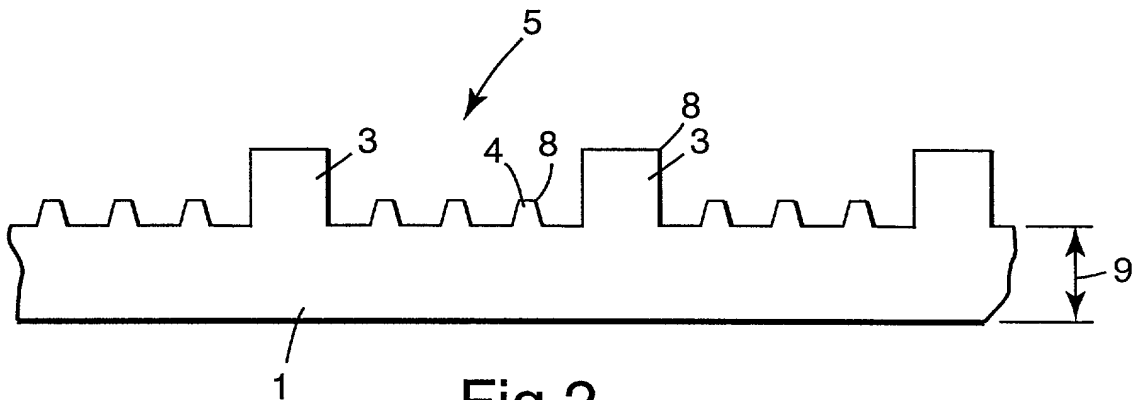


Fig.2

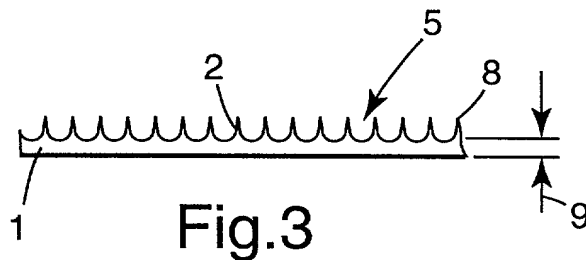
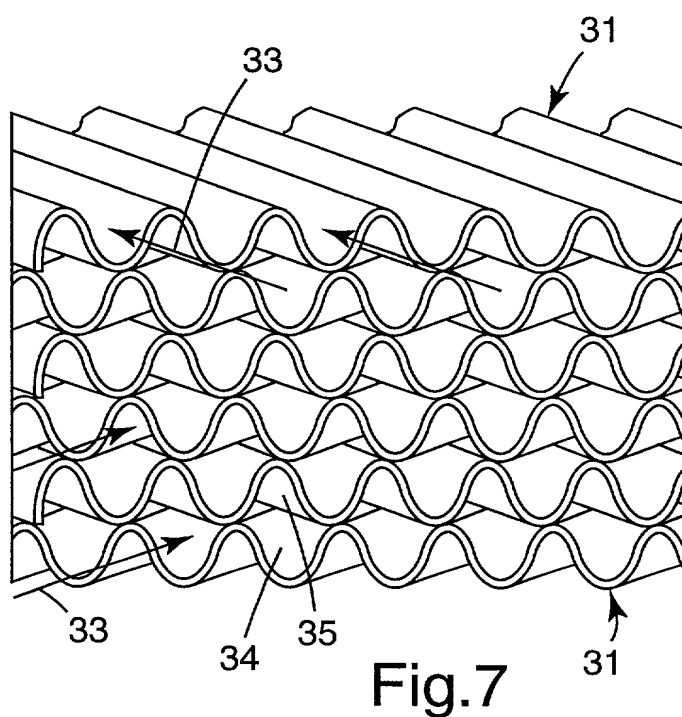
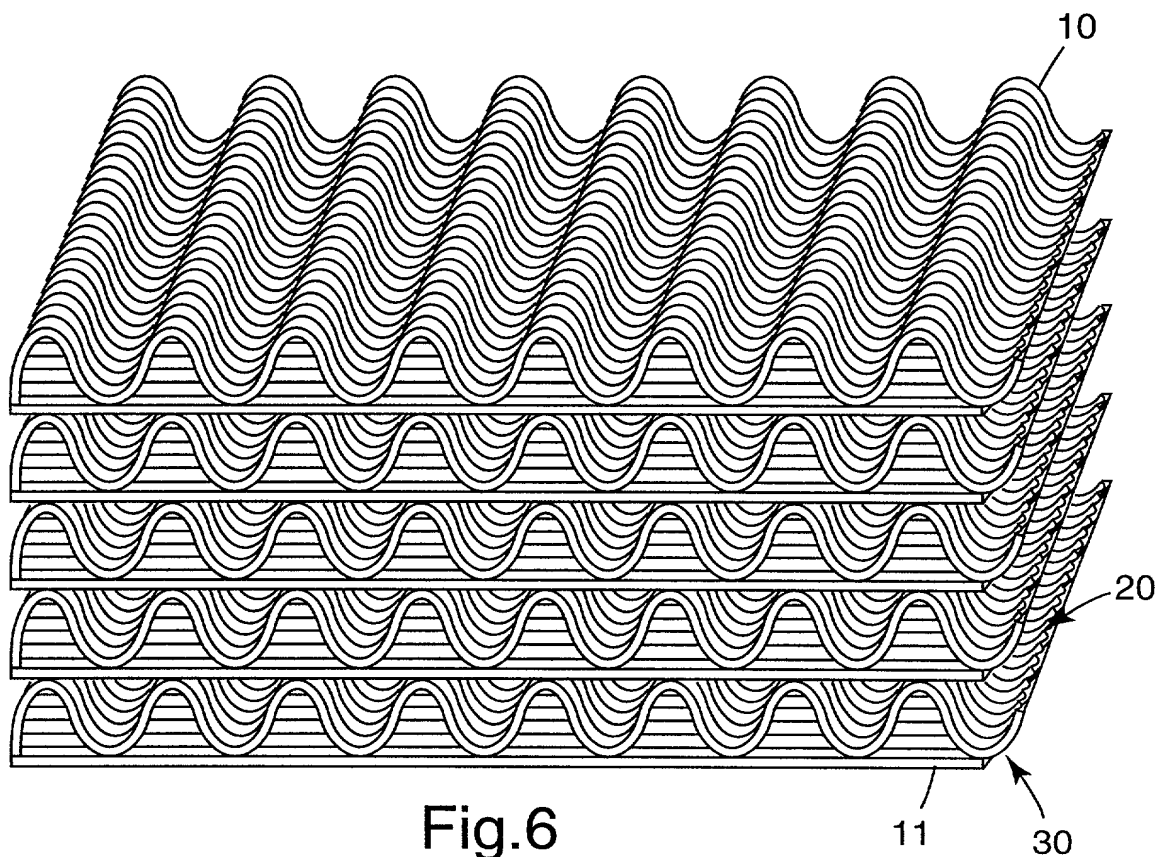
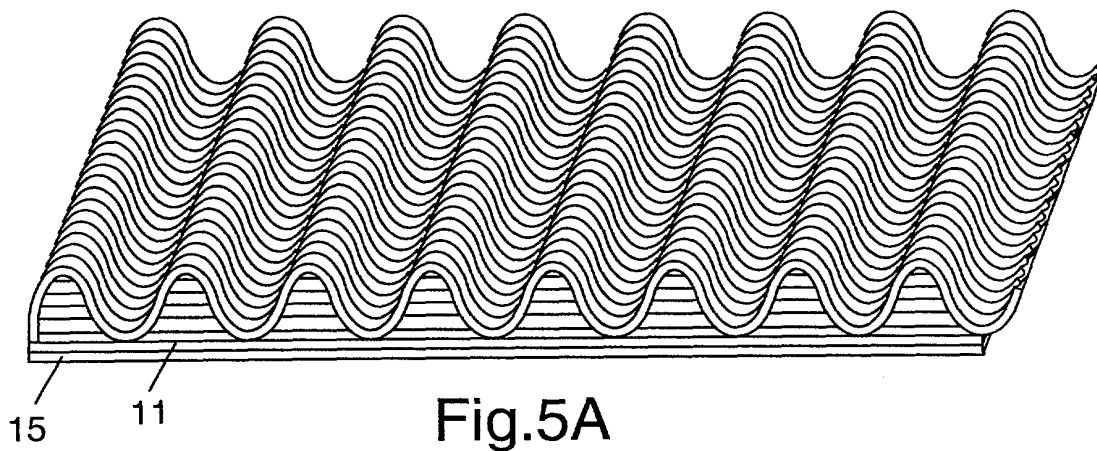
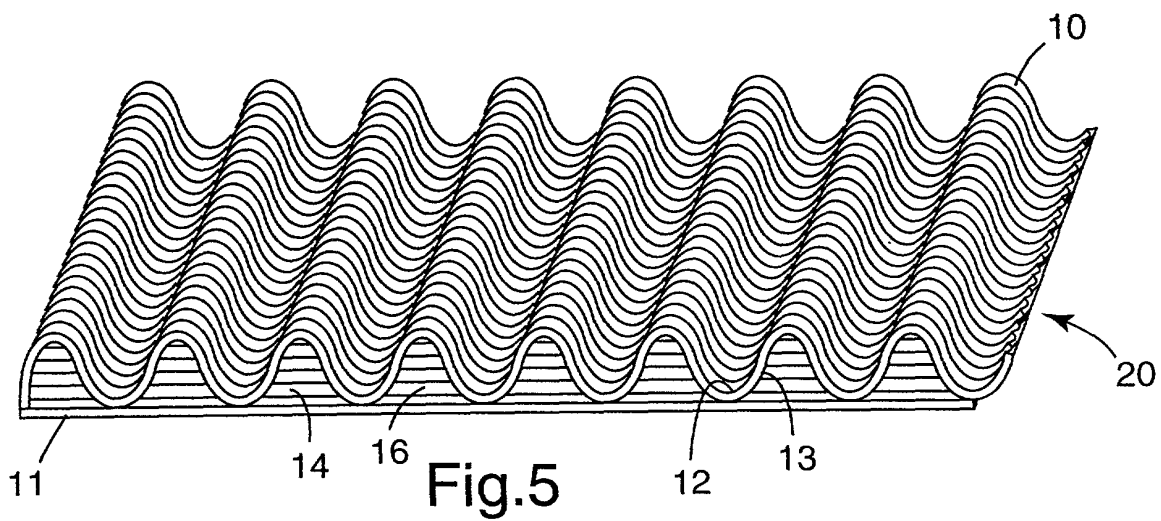
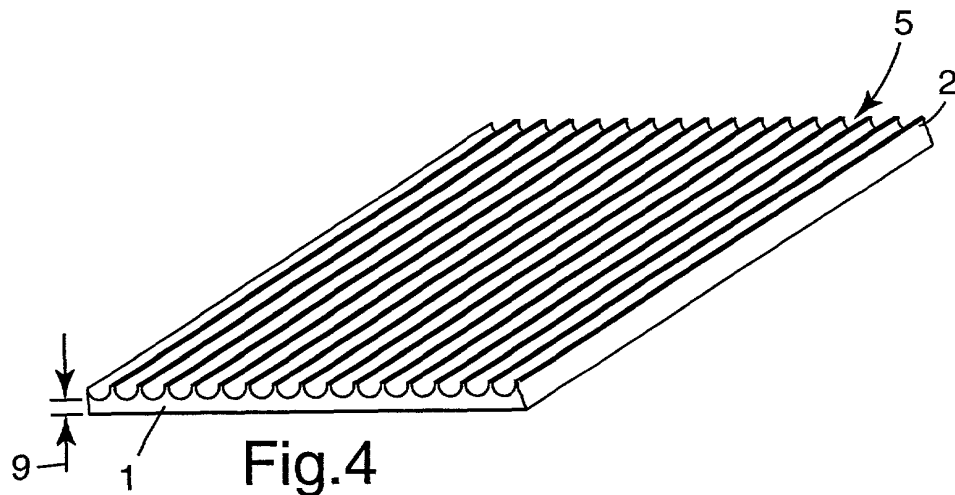
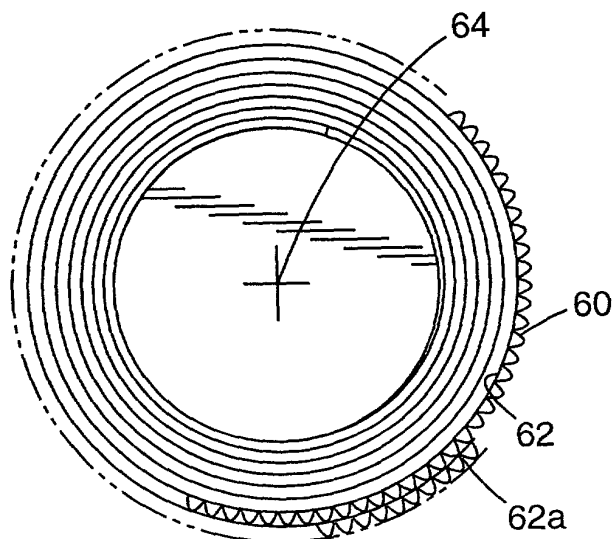
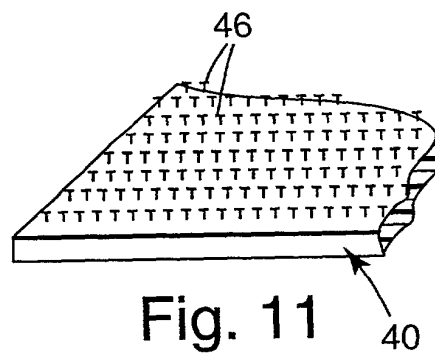
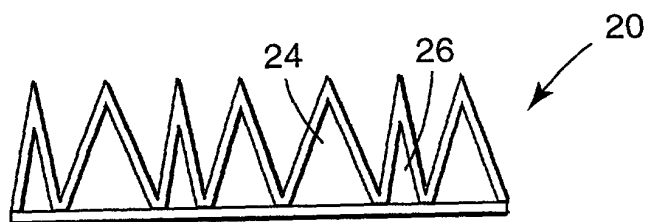
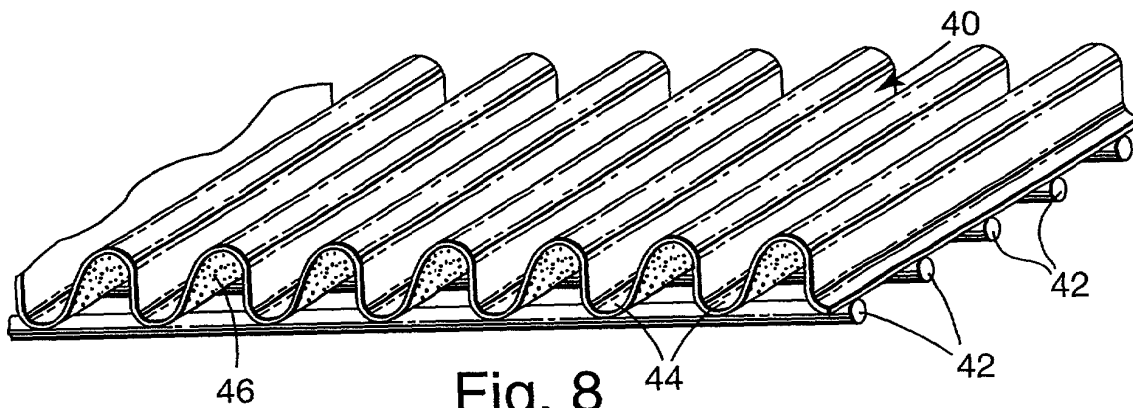


Fig.3





Docket No./Serial No. (if known): 54605USA6B.007  
 Inventor(s): Thomas I. INSLEY and Todd W. JOHNSON  
 Title: CONTOURED LAYER CHANNEL FLOW FILTRATION  
 MEDIA



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